

TOP SECRET

Copy 106
7 Pages

NPIC/R-51/64
January 1964

PHOTOGRAPHIC INTERPRETATION REPORT

SA-2 SAM SITES
AND SAM SUPPORT FACILITIES
DERIVED FROM

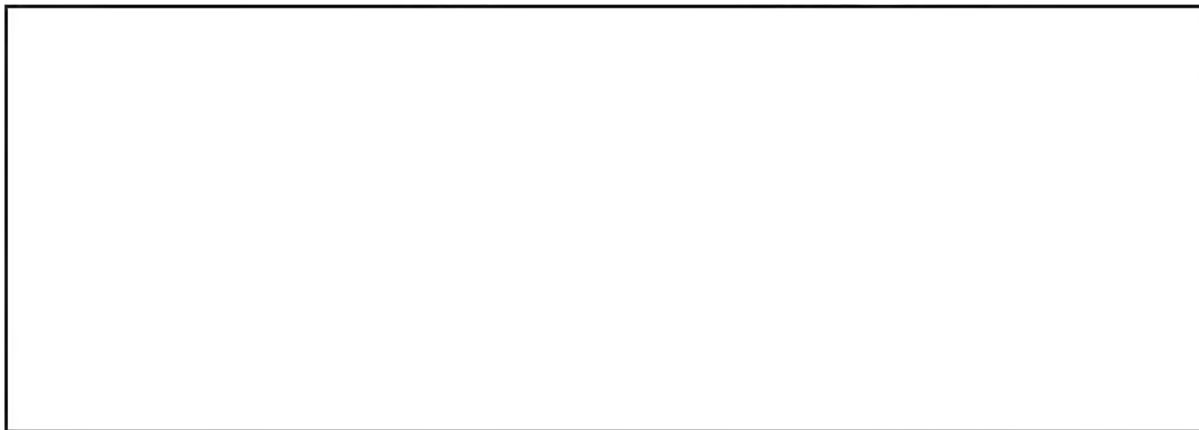
DECLASS REVIEW by NIMA/DOD



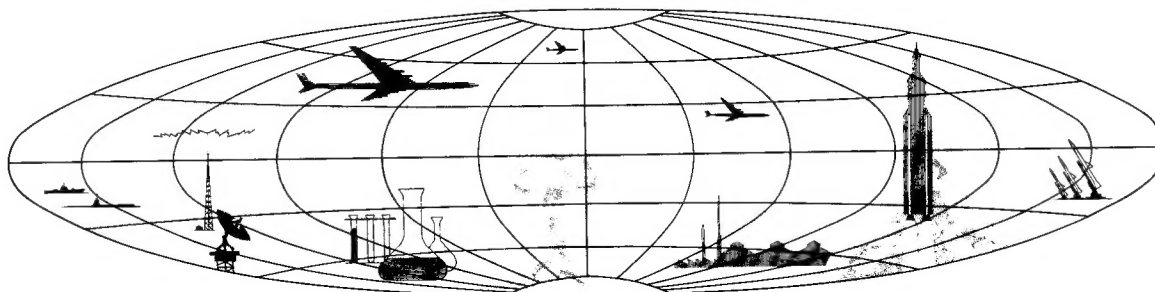
CIA



DIA



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET

25X

NPIC/R-51/64

SA-2 SAM SITES AND SAM SUPPORT FACILITIES

DERIVED FROM

25X

This report has been prepared in response to CIA requirement C-RR3-80,596 - Supplement 1, requesting information on all SA-2 surface-to-air missile (SAM) sites and SAM support facilities newly identified on photography from

As of 27 November 1963 (the cutoff date for the study on which this report is based), 20 SA-2 SAM sites and four SAM support facilities had been newly identified on the coverage. Table 1 provides detailed information

on each of these installations, as well as data on two suspect SAM sites and one SA-0 site which were observed for the first time.

No dimensions for the SA-2 sites or SA-2 on-site support facilities are included because none of them is of an unusual type. A photograph is provided of one of the SAM support facilities (Figure 1) because of its unusual physical layout, and of one of the suspect SAM sites (Figure 2) because of its unusual configuration.

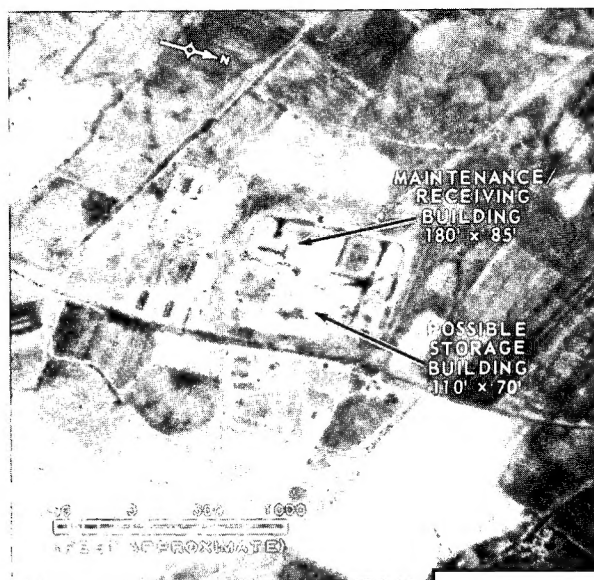


FIGURE 1. SAMARKAND SAM SUPPORT FACILITY

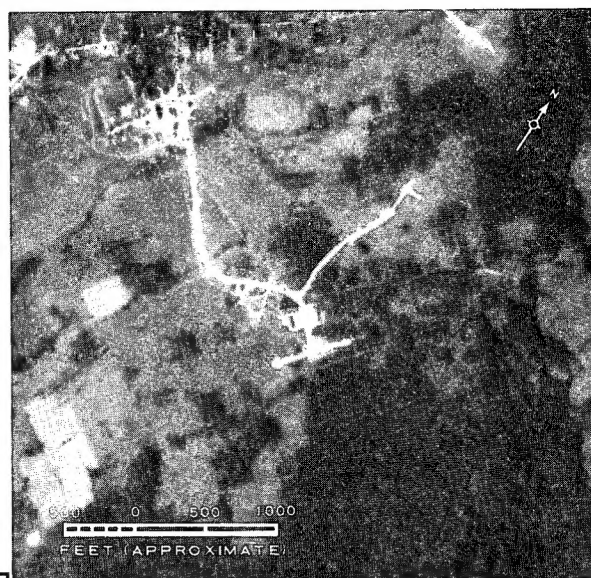


FIGURE 2. NARVA SUSPECT SAM SITE,

25X1D

25X1D

- 1 -

TOP SECRET

25X

Table 1. Data on SAM Installations Derived From Mission 1002-1

Installation*	BE No	Geographic Coordinates	Configuration/Type	Description**	Construction Status	First Photo-graphic Coverage	Negation Date	Map Reference (USATC Series 200 Sheet No)	NPIC No
<u>SA-2 SAM Sites</u>		<u>Components</u>		<u>Site Support Facilities</u>					
1.*** Ali-Bayramly A17-2	25X1A	39-49-30N 48-58-00E	Fan	Secured area with 6 revetted launch positions and central guidance area	3 barracks-type bldgs on site	Complete		0339-3	16-A
2. Bryansk B29-2		53-19-40N 33-56-20E	Link	Secured area with 6 revetted launchers, central guidance area, and 2 hold areas	2 bldgs on site	Complete		0167-18	8-J
3. Khust B14-2		48-03-50N 23-29-41E	Link	6 revetted launch positions, central guidance area	Support area in nearby small village	Complete		0232-25	22-A
4. Kovel A24-2		51-12-00N 24-41-00E	Fan	6 revetted launch positions, central guidance area, 2 and possibly 3 hold areas	3 bldgs on site	Complete		0232-10	75-G
5. Kurgancha B04-2		39-47-40N 66-06-00E	Star	Secured area with 6 revetted launch positions and central guidance area	One barracks-type bldg, 9 smaller bldgs on site	Complete		0337-5	14-E
6. Lodeynoye Pole A25-2		60-41-00N 33-21-00E	Link	5 revetted launch positions, one launch position U/C, central guidance area U/C	No on-site bldgs; road leads from site to nearby small village	U/C		0102-21	5-A

*Located in USSR except for 2 SA-2 sites (as indicated).

**The only equipment observed was launchers at some SA-2 sites (as indicated).

***Numbers in this column are keyed to photographic references.

NPIC/R-51/64

Table 1 (Continued)

Installation*	BE No	Geographic Coordinates	Configuration/Type	Description**	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200 Sheet No)	NPIC No
SA-2 SAM Sites		25X1A		Components	Site Support Facilities		25X1D		
7. Otar D11-2		43-20-00N 76-01-00E	Probable link	6 revetted launch positions, central guidance area which appears U/C, one hold area	5 bldgs on site	U/C (also U/C)		0829-1	3-D
8. Penza B01-2		53-23-35N 45-04-00E	Star	Secured area with 6 revetted launch positions, central guidance area, and 3 hold areas	3 barracks-type bldgs on site	Complete		0166-19	17-M
9. Petrozavodsk B13-2		61-34-50N 34-42-00E	Probable link	Secured area with 6 revetted launch positions and central guidance area	One L-shaped barracks-type bldg on site; one barracks-type bldg on access road	Complete		0102-17	15-O
10. Rybinsk A13-2		57-58-20N 39-04-10E	Link	6 revetted launch positions, central guidance area, 3 hold areas	One large and 2 small bldgs on site	Complete		0154-13	52-K
11. Samarkand A10-2		39-44-20N 67-03-40E	Star	Secured area with 6 revetted launchers and central guidance area	One large and 6 small bldgs on site	Complete		0836-1	6-A
12. Samarkand B28-2		39-40-00N 66-36-00E	Link	Secured area with 6 revetted launch positions, central guidance area, and 2, possibly 3, hold areas	2 barracks-type bldgs, 4 smaller bldgs on site	Complete		0837-5	7-B
13. Simeria B20-2 (Rumania)		45-32-40N 22-54-20E	Fan	Secured area with 6 revetted launchers, central guidance area, and one hold area	5 bldgs, 4 small possible support bldgs on site	Complete		0251-18	210-A

TOP SECRET

- 3 -

25X1

TOP SECRET

NPIC/R-51/64

Table 1 (Continued)

Installation*	BE No	Geographic Coordinates	Configuration/Type	Description**	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200 Sheet No)	NPIC No
<u>SA-2 SAM Sites</u>		<u>Components</u>		<u>Site Support Facilities</u>					
25X1A						25X1D			
14. Sofia D13-2 (Bulgaria)		42-23-10N 23-55-00E	Fan	Secured area with 6 revetted launchers, central guidance area, and 2 hold areas	Complete			0322-14	85-M4
15. Tula A25-2		54-08-10N 37-21-30E	Link	Secured area with 6 revetted launchers, central guidance area, and 3 hold areas	Complete			0167-15	83-E
16. Volkhov B28-2		59-56-00N 31-43-50E	Link	6 launch positions, central guidance area	Complete			0153-5	164
17. Volkhov (no site designator at present)		60-05-10N 32-20-35E	Possible star	Central guidance area, one leg of possible star configuration, perimeter road	U/C			0102-21	9-A
18. Volkhov (no site designator at present)		60-19-00N 32-54-20E	Fan	4 launch positions, central guidance area	U/C			0102-21	9-B
19. Yuzhno-Sakhalinsk A10-2		46-57-00N 142-54-59E	Not determinable	6 revetted launch positions, central guidance area	Complete			0281-8	41-I
20. Yuzhno-Sakhalinsk B12-2		46-50-45N 143-10-05E	Not determinable	Secured area with 6 launch positions and central guidance area U/C (no road pattern visible)	Midstage			0281-8	41-J

NPIC/R-51/64

Table 1 (Continued)

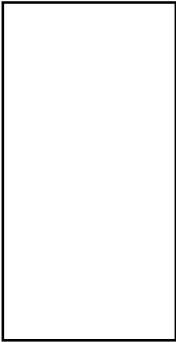

Installation*	BE No	Geographic Coordinates	Configuration/Type	Description**	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200 Sheet No)	NPIC No	
SAM Support Facilities				Components	Remarks	25X1D				
21.	Berdichev	<div></div>	49-50-00N 28-24-10E	Type II	Poor-quality photography precludes identification of components.	Situated in wooded area	Complete	<div></div>	0233-12	3-F
22.	Chimkent		42-20-20N 69-37-40E	Type II	Secured area with one large drive-through bldg (200 by 80 ft), storage bldg 100 by 65 ft, and bldg 65 by 35 ft	-----	Complete		0328-12	None
23.	Kolesnoye		46-07-30N 30-04-10E	Type II	One large drive-through bldg, at least 6 associated bldgs	Co-located with Belgorod Dnestrovskiy SAM Site B25-2	Complete		0250-12	93-B
24.	Samarkand (Figure 1)		39-44-20N 67-07-00E	Probable Type I	Secured area with maintenance/receiving bldg (180 by 85 ft) apparently not drive-through, parallel to area's length; one large possible storage bldg (110 by 70 ft); 2 drive-through bldgs may be present	<div></div>	Complete		0336-1	6-B
25X1A										
Other Sites				Components	Remarks					
25.	Gornyy Balykley Suspect SAM Site 1/	None	49-33-00N 45-02-30E	See Description	4 suspect launch positions, 2 parallel 300-ft roads, 500-by-320-ft crossbar road, 250-by-115-ft rectangular revetted area on approach road to crossbar	Site pattern similar to H configuration of suspect SAM sites near Mustvee 2/ and Johvi 3/ except for off-center location of revetted area	Complete	<div></div>	0235-17	16Z2

TOP SECRET

TOP SECRET

NPIC/R-51/64

Table 1 (Continued)

Installation*	BE No	Geographic Coordinates	Configuration/Type	Description**	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200 Sheet No)	NPIC No
<u>Other Sites</u>		<u>Components</u>		<u>Remarks</u>		25X1D			
26. Narva Suspect SAM Site (Figure 2)	None	59-39-30N 28-24-10E	See Description	One approx-610-ft road, with stem, forming partial H pattern; 2 suspect launch positions (one revetted); approx-230-by-170-ft rectangular area located on stem; service road; road from stem to unidentified terminal area	U/C			0153-3	45-D
27. Balakovo A13-0		51-56-10N 47-59-50E	-----	6 revetted launch positions, ring road with 3 hold areas, 2 possible support bldgs U/C	Late stage			0235-3	41

NPIC/R-51/64

TOP SECRET

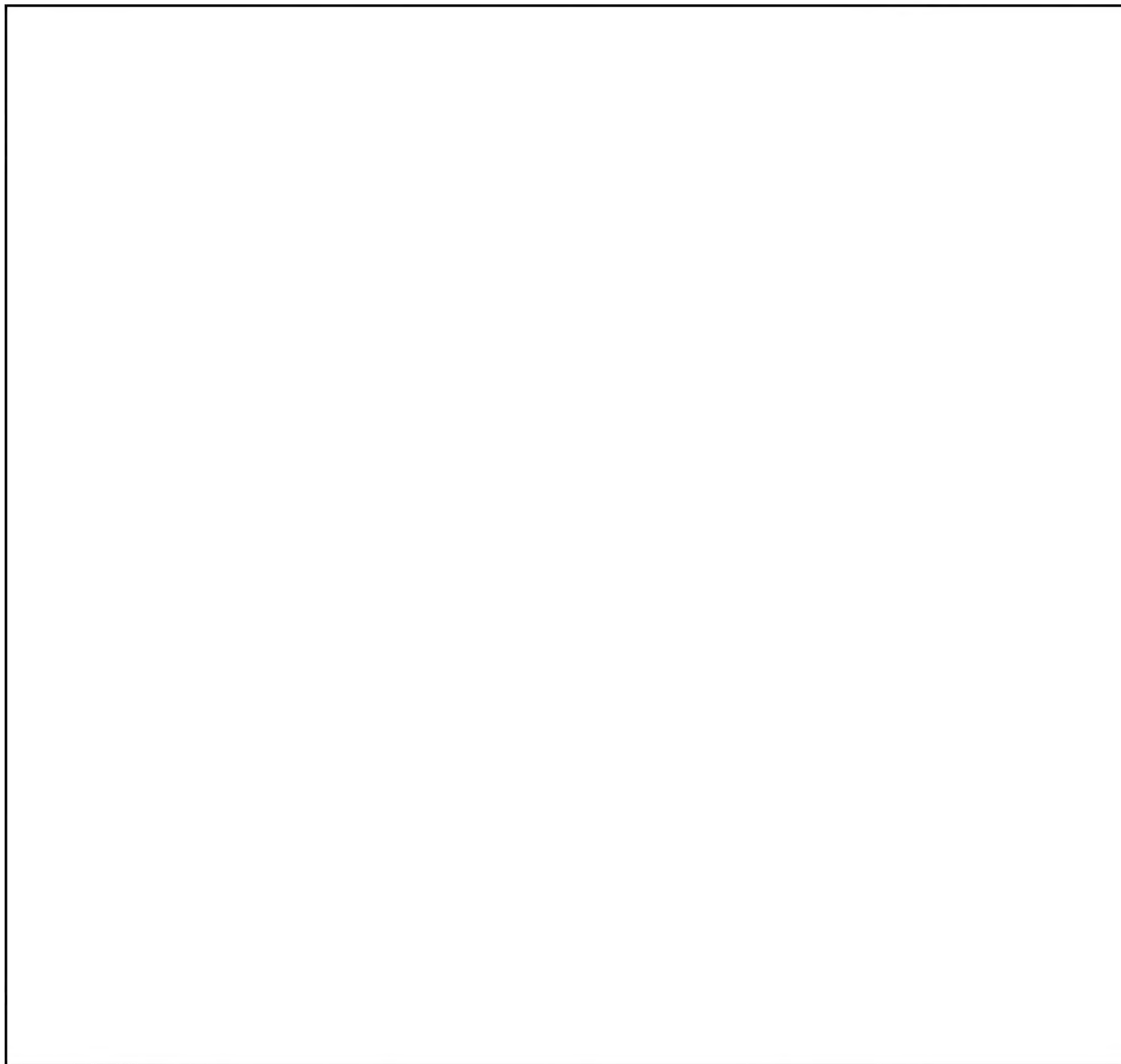
TOP SECRET

TOP SECRET

25X

25X

NPIC/R-51/64



DOCUMENTS

1. NPIC. R-332/63, Suspect SAM Site, Gornyy Balykley, USSR, Dec 63 (TOP SECRET [redacted])
2. NPIC. R-192/63, Suspect SAM Site, Mustvee, USSR, Aug 63 (TOP SECRET [redacted])
3. NPIC. R-193/63, Suspect SAM Site, Johvi, USSR, Aug 63 (TOP SECRET [redacted])

REQUIREMENT

C-RR3-80,596 - Supplement 1

NPIC PROJECT

J-364/63

25X

25X

25X

TOP SECRET

25X

~~TOP SECRET~~

~~TOP SECRET~~